

UPPER SAN MARCOS RIVER WATERSHED

Aspen Navarro, M.S. – Watershed Services Program Coordinator

Clean Rivers Program Steering Committee Meeting
July 29, 2021



THE MEADOWS CENTER
FOR WATER AND THE ENVIRONMENT
TEXAS STATE UNIVERSITY



OUTLINE



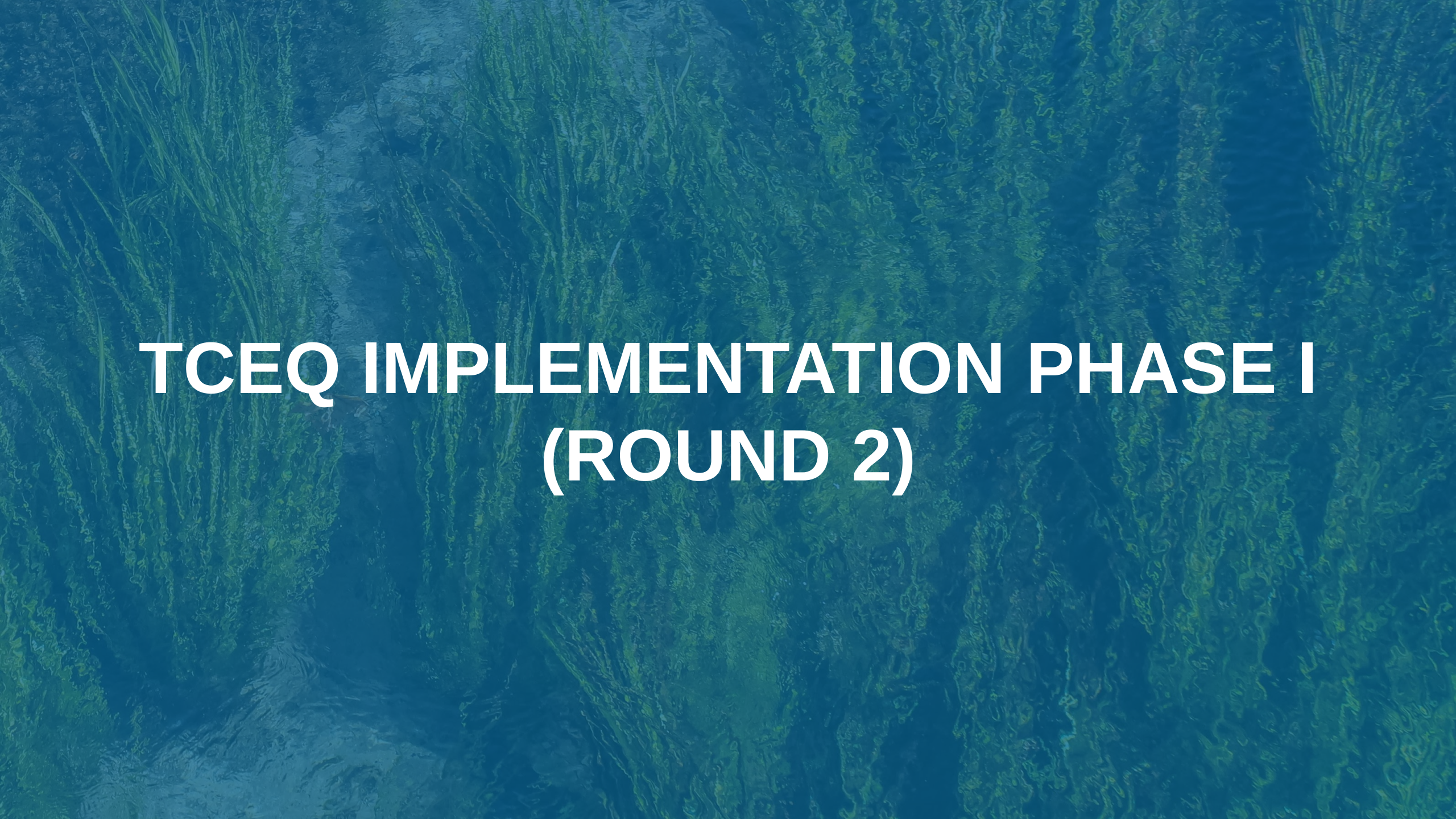
TCEQ Implementation
Phase I (Round 2)



Watershed Side Ventures



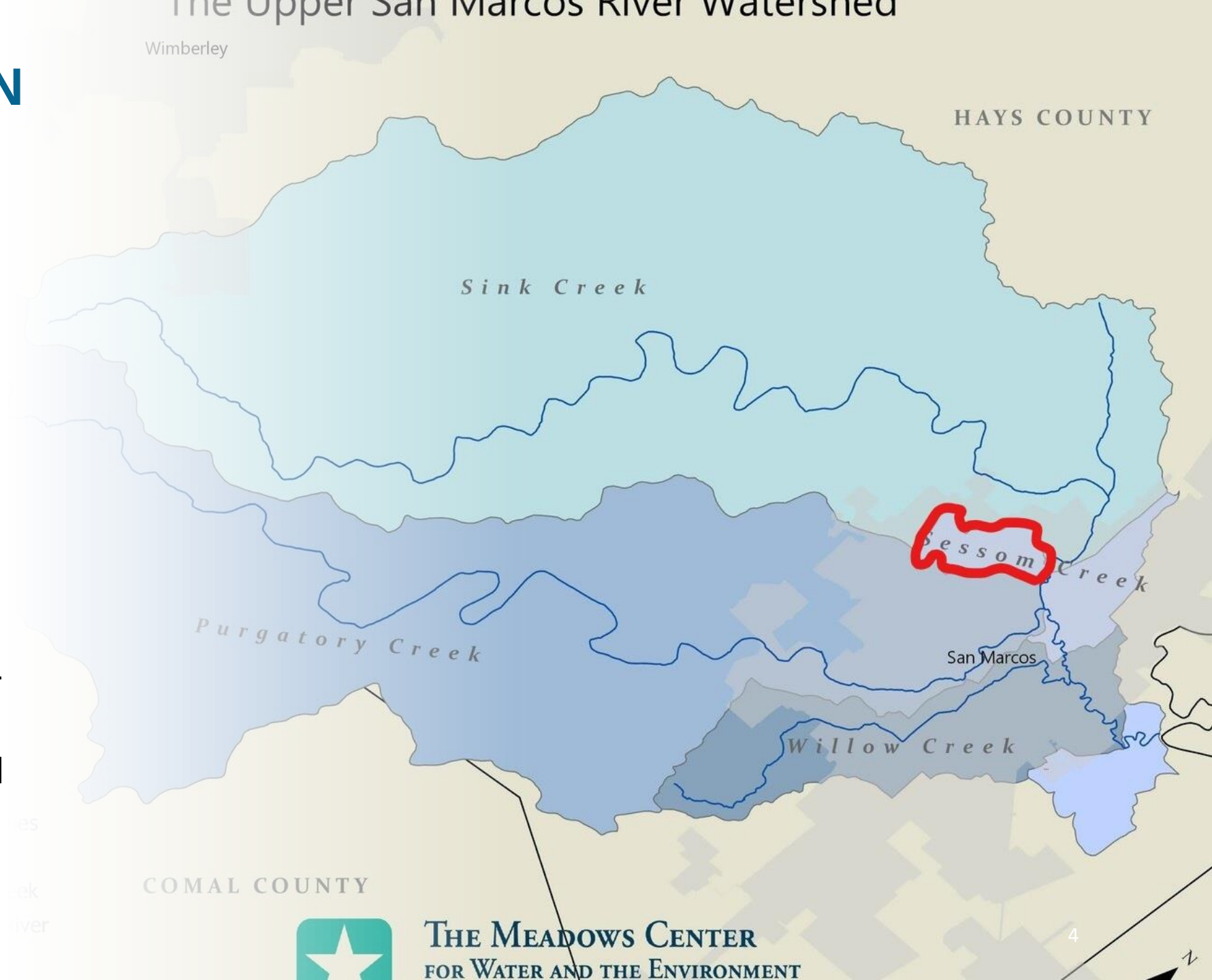
Basin Texas Stream Team
Activities

An aerial photograph of a river with dense green vegetation on the banks. The water is a deep blue-green color, and the surrounding land is covered in thick green trees and shrubs. The text is overlaid on the center of the image.

TCEQ IMPLEMENTATION PHASE I (ROUND 2)

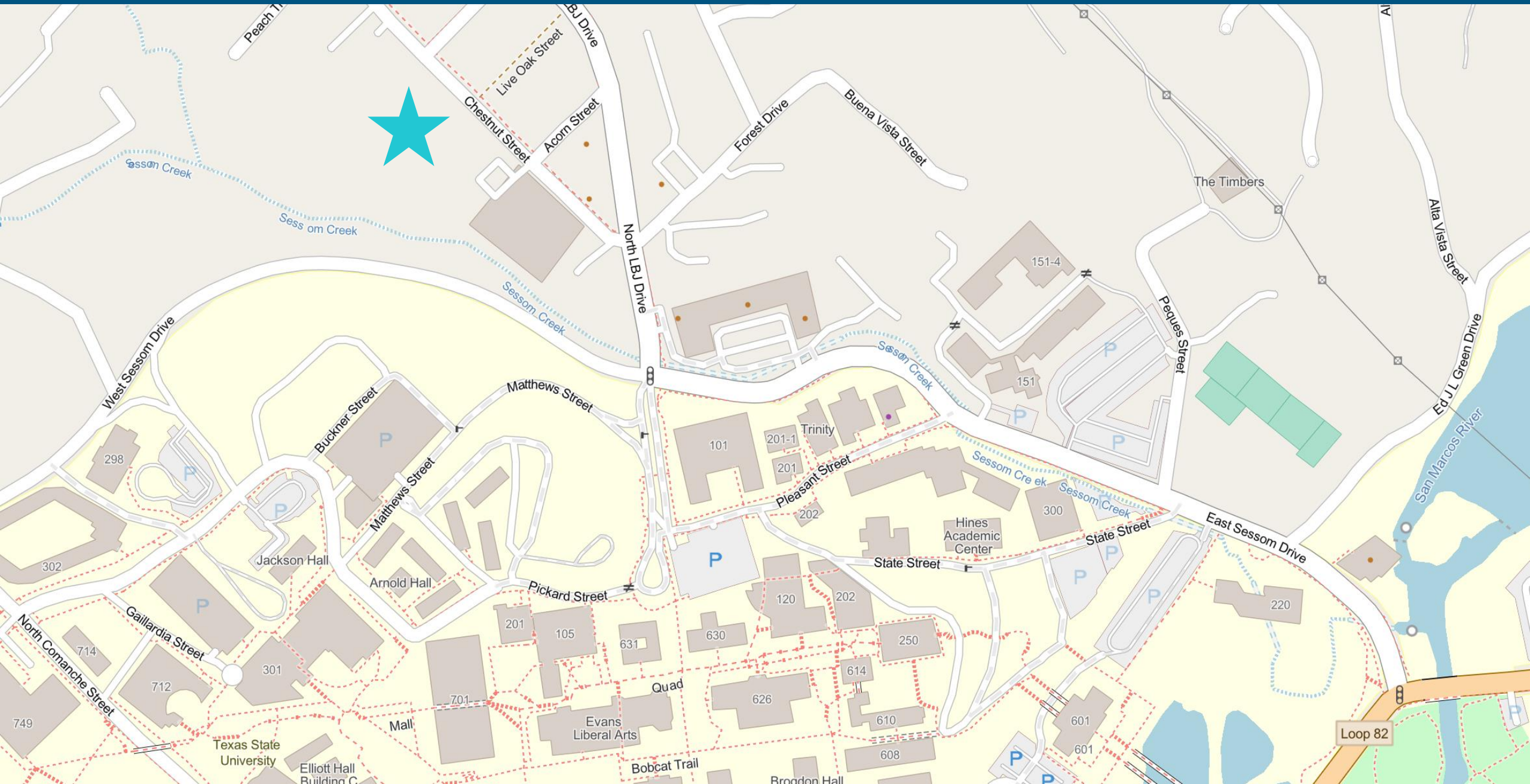
IMPLEMENTATION PHASE I OVERVIEW

- Timeline: 6/4/2020 – 2/28/2023
- Main Tasks:
 - Task 3 - Riparian and Upland Restoration
 - Task 4 - Stream Restoration
 - Task 5 - Vegetative Filter Strip
 - Task 6 - Community Trail Plan
 - Task 7 - Education and Outreach

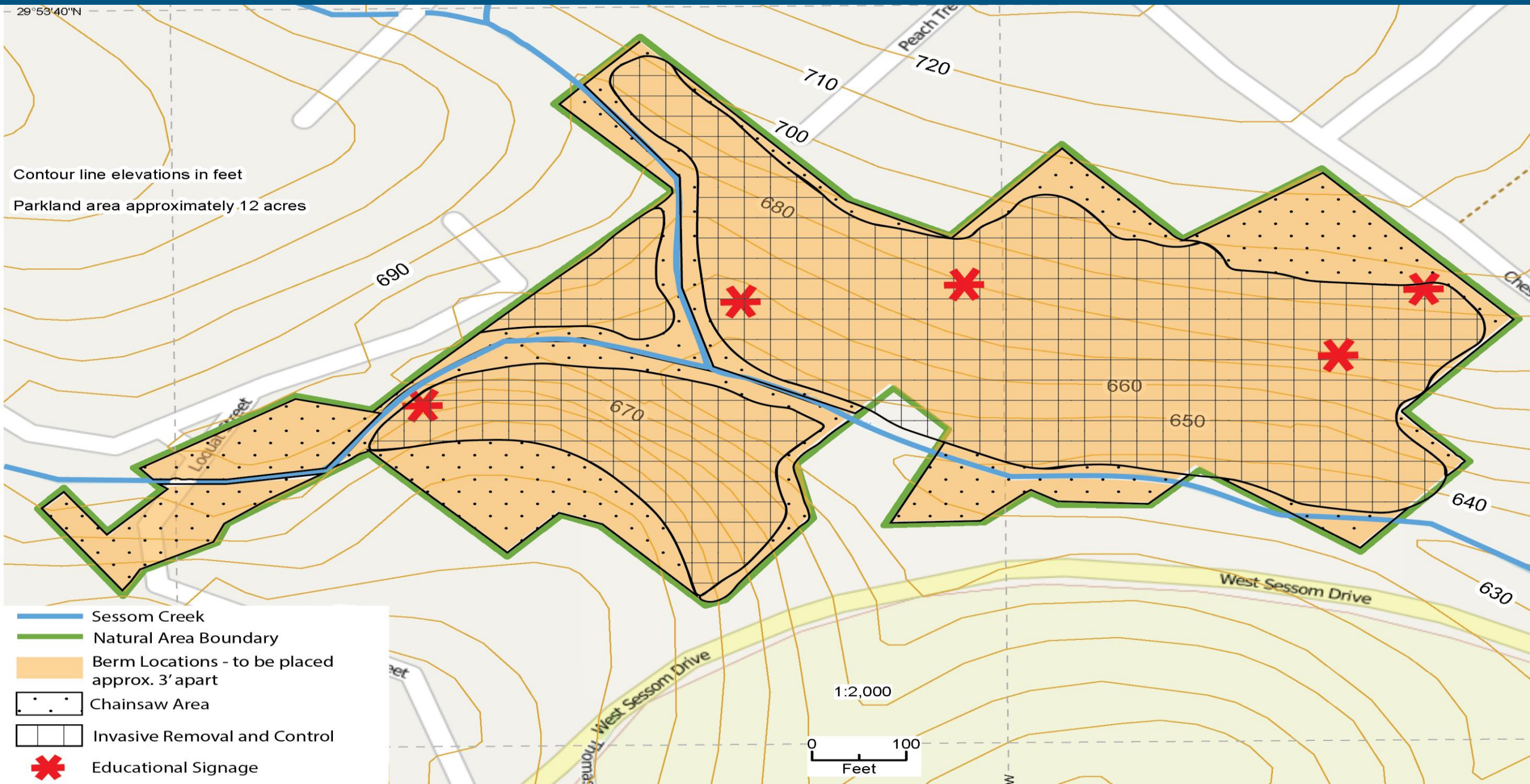


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TASK 3-6: SESSOM CREEK NATURAL AREA



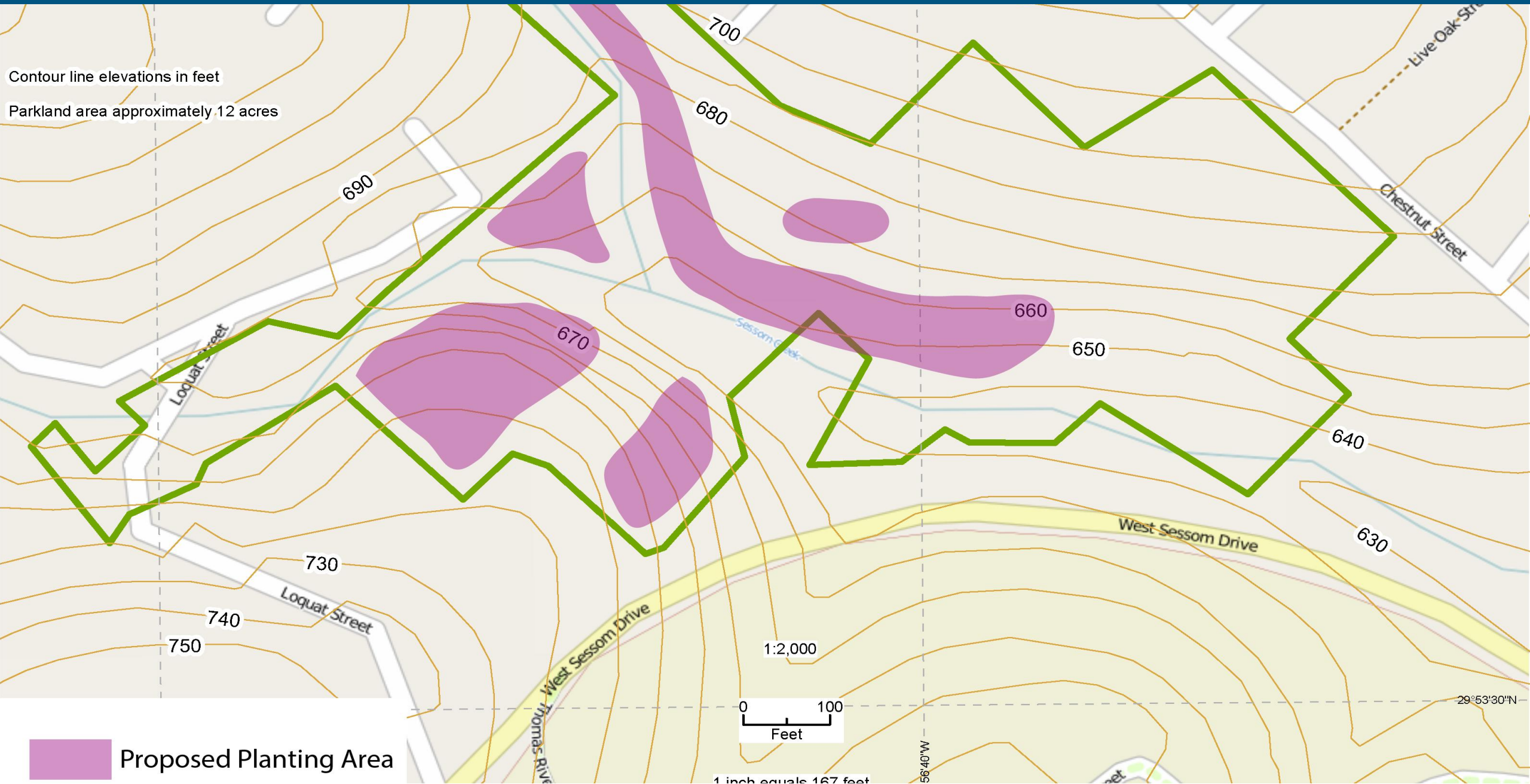
TASK 3 – RIPARIAN RESTORATION



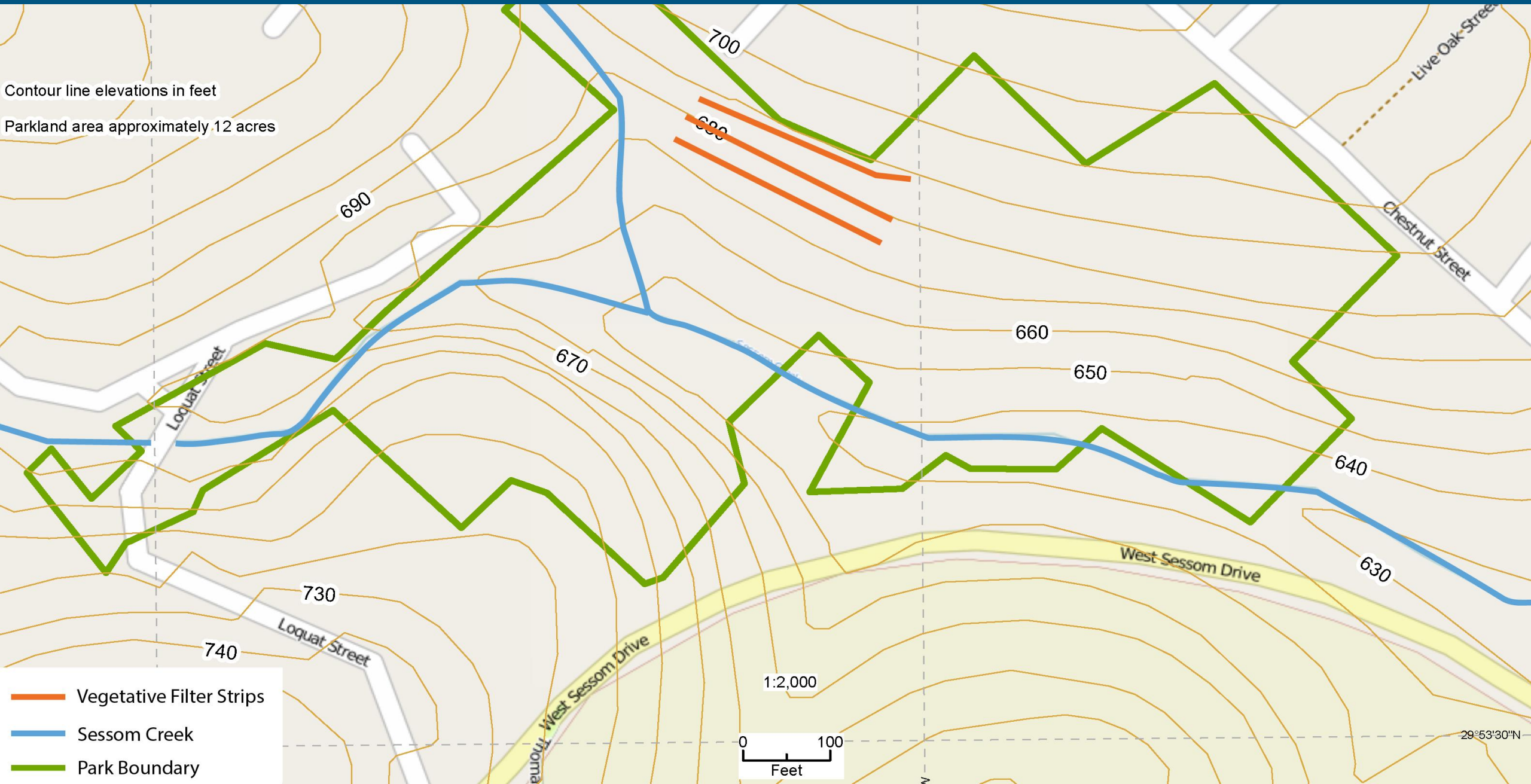




TASK 4 – STREAM RESTORATION



TASK 5 – VEGETATIVE FILTER STRIP





TASK 7 – E&O VOLUNTEER DAYS



Contact Eric Weeks: EWeeks@sanmarcostx.gov

TASK 7 - MERMAID CHATS PROGRAM

- Updated and enhanced curriculum
 - Mermaid Chats Level 1 (K - 2nd grade)
 - Mermaid Chats Level 2 (3rd – 6th grade)
- Outreach targets:
 - Four local events
 - Classroom integration
 - 2,500 take-home kits disseminated
- Fall 2021 roll out



TASK 7 - MERMAID SPLASH PATCH PROGRAM

SPLASH = STEWARDSHIP * PRESERVATION * LOCAL * ARTS *
SUSTAINABILITY * HERITAGE

- Updated and enhanced curriculum
 - Mermaid Chats Level 2 (3rd – 6th grade)
- Outreach targets:
 - Classroom integration
 - 150 patches disseminated
- Fall 2021 roll out



An aerial photograph of a river winding through a lush, green landscape. The water is a deep blue-green, and the surrounding vegetation is dense and vibrant green. The text "WATERSHED SIDE VENTURES" is overlaid in white, bold, sans-serif capital letters across the center of the image.

WATERSHED SIDE VENTURES

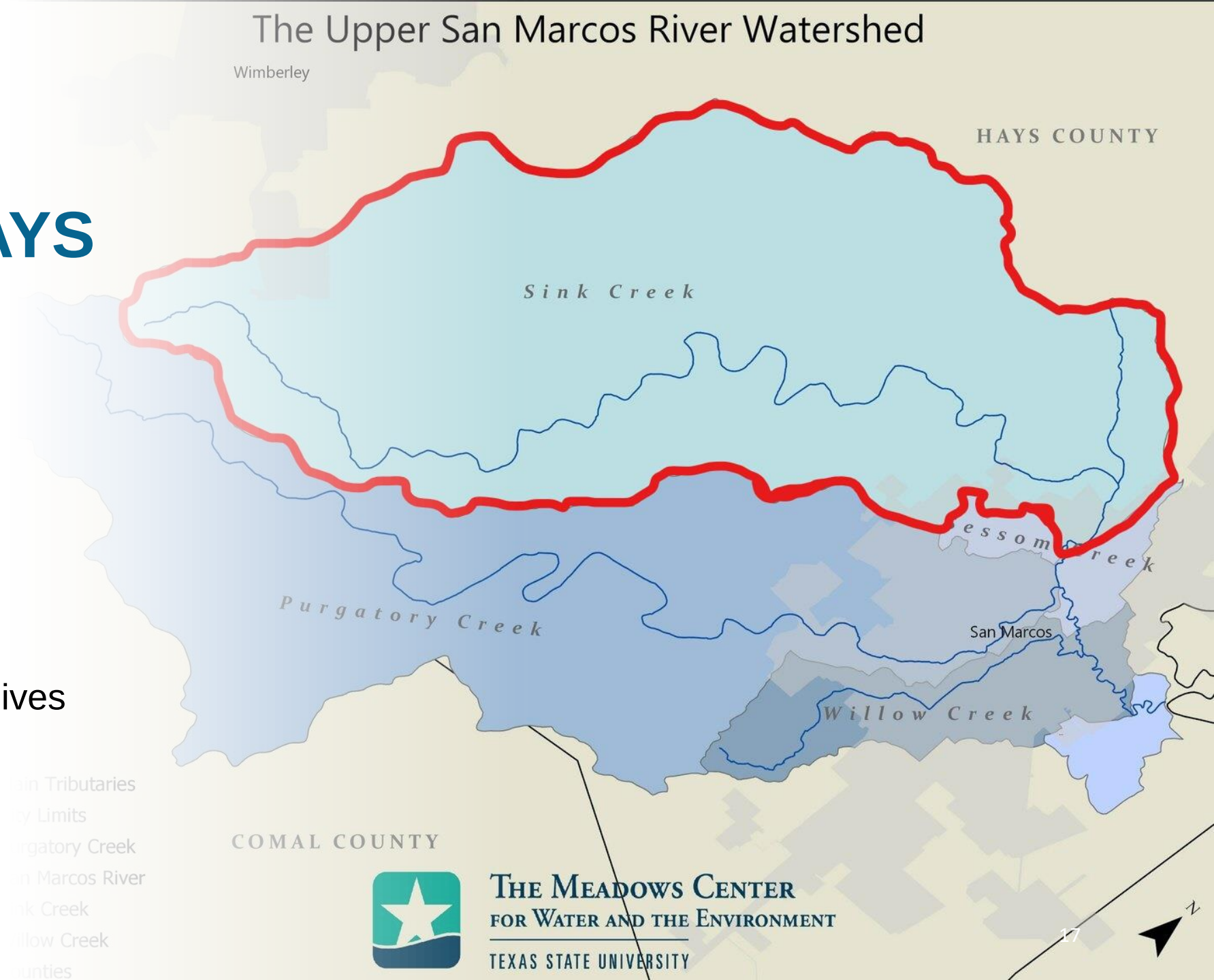
AWARDED: TPWD RECREATIONAL TRAILS GRANT

- Timeline: 2021-2023
- Lakeside Trail Restoration at Spring Lake
 - 700 ft boardwalk
 - 200 ft permeable pavers
- Benefits:
 - Increase accessibility
 - Increase Infiltration
 - Increase riparian areas
 - Increase outreach



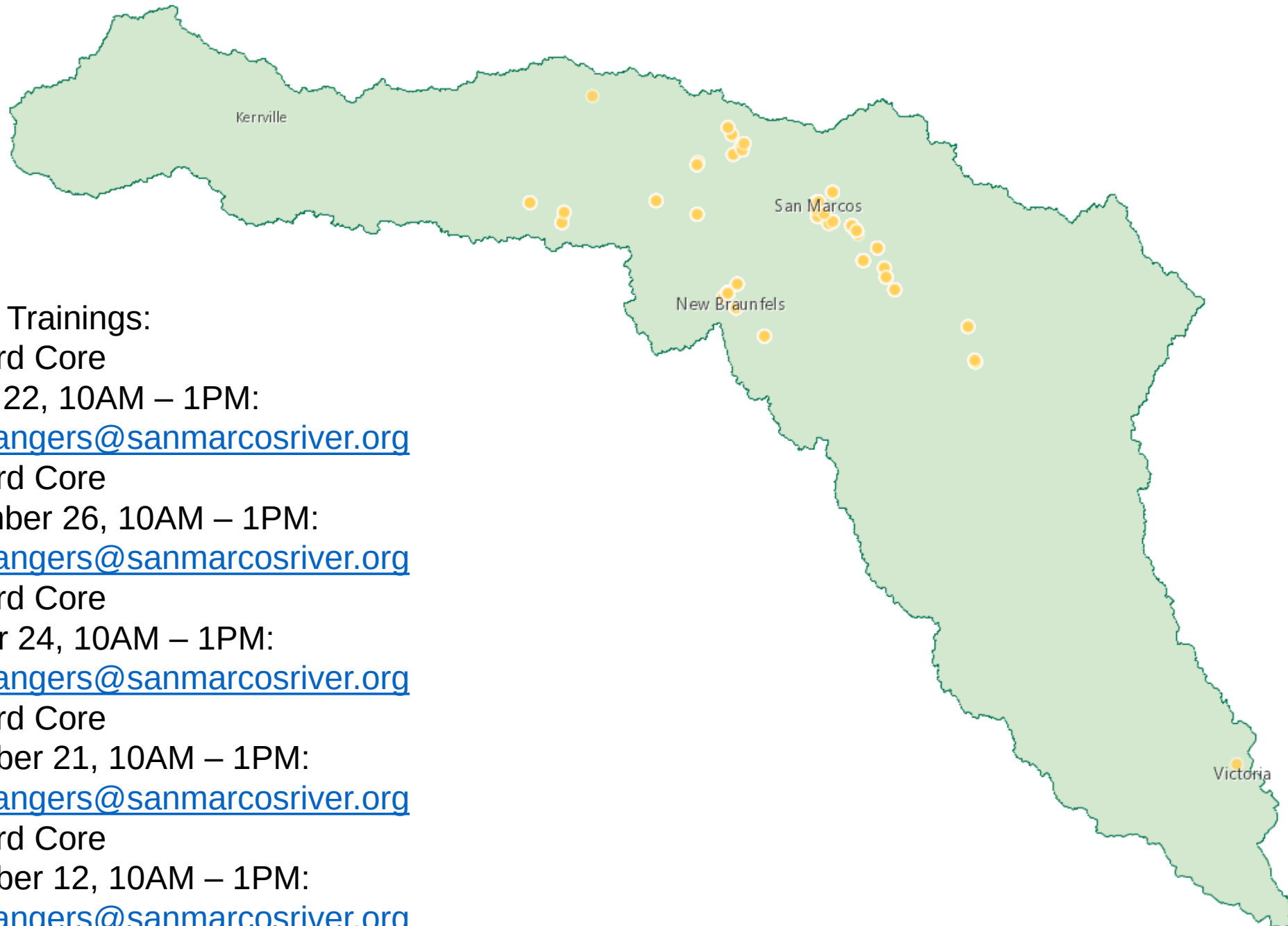
INVASIVE REMOVAL VOLUNTEER DAYS

- Partners:
 - SMRF
 - COSM
 - HCMN
 - TXST
- Location: Sink Creek subwatershed
- Goal: Remove floating invasives at rivers source
- Targeted species:
 - Water hyacinth
 - Water lettuce



An aerial photograph of a stream, showing the water's surface and the surrounding green vegetation on the banks. The text is overlaid on the center of the image.

BASIN TEXAS STREAM TEAM ACTIVITIES



- 53 active sites
- 749 sampling events
- 40 Trainings

Upcoming Trainings:

- Standard Core
August 22, 10AM – 1PM:
RiverRangers@sanmarcosriver.org
- Standard Core
September 26, 10AM – 1PM:
RiverRangers@sanmarcosriver.org
- Standard Core
October 24, 10AM – 1PM:
RiverRangers@sanmarcosriver.org
- Standard Core
November 21, 10AM – 1PM:
RiverRangers@sanmarcosriver.org
- Standard Core
December 12, 10AM – 1PM:
RiverRangers@sanmarcosriver.org

Email TxStreamTeam@txstate.edu for match or reports!

An aerial photograph of a river with vibrant green trees lining both banks. The water is a deep teal color, and the trees are lush and green, with some bare branches visible in the foreground.

STREAM TEAM FEST

— Celebrating **30 Years** of Citizen Science —

October 12-14, 2021

www.TexasStreamTeam.org

THANK YOU!

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PHOTO ARTIST CREDITS

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